Yorkshire Dales National Park

Forecast valid from 00:00 on Monday 22 Feb 2021 until 23:59 on Tuesday 23 Feb 2021

Forecast Issued on Sunday 21 Feb 2021 at 11:05

Confidence: Low for timing of clearance and amounts of rain on Monday, but high for drier, windy conditions on Tuesday. Low from Wednesday onwards for position of rain areas across the UK.

Headline for Monday 22 Feb 2021: Outbreaks of light rain clearing late morning, then drier and brighter in afternoon. Mild.

Mountain weather hazards on Monday 22 Feb 2021

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Light rain	Light rain	Light rain	Light rain	Cloudy	Sunny intervals	Clear night	Partly cloudy (night)
Precipitation probability							
60%	70%	80%	40%	10%	00%	00%	00%

Forecast for Monday 22 Feb 2021

Weather: Cloudy and murky with rain overnight and into Monday morning. Rain dying out late morning then becoming drier and brighter in the afternoon with some sunny spells before dark. Dry with clear spells in evening but patchy mist and fog may form.

Chance of cloud free mountain/hill tops above 600m: 40% overnight and through the morning. Becoming 90% in afternoon.

Visibility: Areas of cloud above 400-500m overnight and into the morning. Cloud lifting and breaking by the afternoon, with visibility becoming good at all levels, but poor in mist and fog later.

Forecast for Monday 22 Feb 2021

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/12 SW	7/11 SW	6/9 SW	7/11 SW	8/12 SW	8/13 SW	8/13 SW	9/16 S	13/20 S
300	3/10 S	4/11 SW	3/7 SW	4/8 SW	5/10 SW	6/12 SW	4/10 SW	4/13 S	6/16 S
Valley	2/8 S	2/7 SW	2/6 S	4/8 SW	5/10 SW	5/10 SW	2/8 S	5/11 SE	8/17 SE

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	5/2	4/1	4/1	4/1	4/1	4/1	2/-1	2/-2	2/-3
300	6/5	6/5	6/5	6/4	6/4	7/5	4/2	2/0	3/1
Valley	7/6	7/6	7/6	7/6	7/6	8/7	4/3	4/2	5/2
Freezing Level*	1200m	1100m	1100m	1100m	1000m	900m	900m	900m	1000m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Mild with light winds at all levels, but rather soggy ground in places after rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
15:00 on Sun 21 Feb 2021	1.4mm	8.4mm	12.6mm

Forecast for Tuesday 23 Feb 2021

Weather: Dry with clear spells overnight and any mist and fog will clear as winds increase. A dry morning but patchy rain arriving from the west in the afternoon, with perhaps some heavy outbreaks in evening.

Maximum wind: Becoming South or SW 30 gust 40mph overnight, increasing 40-50 gust 60mph over the tops in the morning.

Chance of cloud free mountain/hill tops above 600m: 90% overnight and in morning. Becoming 40% in the afternoon and 20% later.

Visibility: Poor in mist and fog in early hours, otherwise mainly good with most cloud above the tops until late morning. Broken cloud down to 600m in afternoon bringing poorer visibility at height at times, with more extensive cloud down to 450m in evening.

Temperature: **Valleys:** Plus 6C rising to 13C.
At 600m: Plus 4C rising to plus 7C.
Freezing level: Above the summits.